

CONDUCTIVE POLYMER DEVICE AND METHOD OF MANUFACTURING SAME

ABSTRACT OF THE DISCLOSURE

An electronic device is manufactured using printed circuit board manufacturing processes. In particular, a laminar device comprises a first metal layer, a second metal layer, at least one layer of device material sandwiched between the first and second metal layers. A first layer of insulating material substantially covers the first metal layer. A third metal layer is provided on the first layer of insulating material. This third metal layer is divided to provide a first terminal and a second terminal. The first terminal is electrically connected to the first metal layer by a conductive interconnect formed through said first layer of insulating material, and the second terminal is electrically connected to said second metal layer by a conductive path comprising an insulated conductive channel which passes through and is insulated from said first metal layer and said at least one layer of device material. The use of an insulated channel provides a cost effective method of manufacture and maximizes the effective area of device material used.